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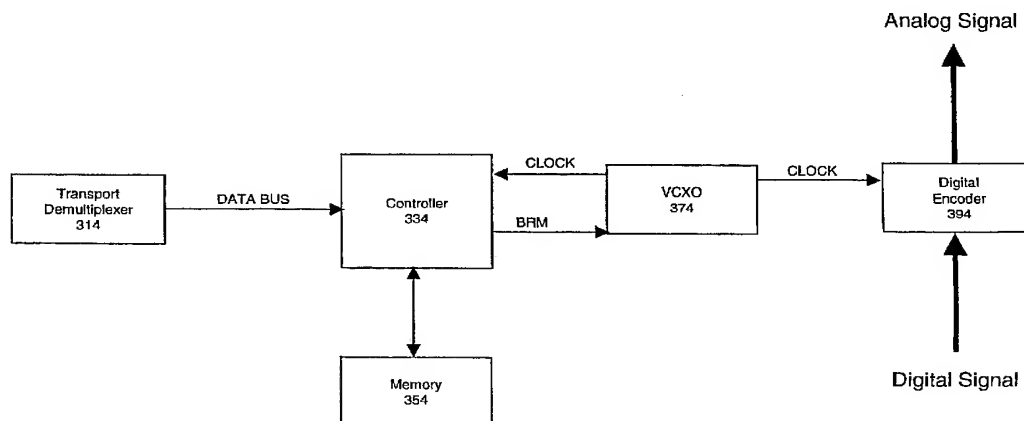
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(54) Title: METHOD AND APPARATUS FOR SETTING A VOLTAGE CONTROLLED CRYSTAL OSCILLATOR IN A VIDEO PROCESSING DEVICE



(57) Abstract: The present invention concerns a method and apparatus for setting a frequency reference in an integrated receiver decoder (IRD). More specifically, the present invention discloses an electrical circuit arrangement in which the voltage controlled crystal oscillator (VCXO) is set to oscillate at the desired frequency prior to the initial use thereof and that frequency is stored in a non-volatile memory unit. Upon initial use, the IRD receives a data signal corresponding to a frequency reference. The IRD uses a threshold value to compare the frequency reference of the incoming data signal with the frequency stored in the non-volatile memory. If the frequencies differ by a predetermined value, the frequency from the incoming data signal is stored in the non-volatile memory and is used to set the VCXO.